



PTO/SB08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/P/TO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Sheet 1 of 2

Complete if Known

Application Number	10/553,307
Filing Date	October 14, 2005
First Named Inventor	John C. Gebler
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	64254(49991)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	6,027,847	02/22/00	WILSON, John C., et al.	
	AB	5,459,006	10/17/95	WILSON, John C., et al.	
	AC	5,508,140	04/16/96	WILSON, John C., et al.	
	AD	5,512,407	04/30/96	WILSON, John C., et al.	
	AE	5,547,803	08/20/96	WILSON, John C., et al.	
	AF	5,561,020	10/01/96	WILSON, John C., et al.	
	AG	4,837,392	06/06/89	ANDERSON, James H., et al.	
	AH	3,736,349	05/29/73	GILLHAM, Helen C., et al.	
	AI	5,081,633	10/29/91	MEGURO, Hiroshi, et al.	
	AJ	3,140,283	07/07/64	DEPOORTER, Henri, et al.	
	AK	4,947,000	08/07/90	MEGURO, Hiroshi, et al.	
	AL	4,036,889	07/19/77	CHOPDEKAR, Vilas M.	
	AM	5,554,474	09/10/96	VREELAND, William B., et al.	
	AN	5,902,904	05/11/99	LANEMAN, Scott A., et al.	
	AO	4,073,803	02/14/78	AXEN, Udo F.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CA		HUANG et al. "A Picomole-Scale Method for Charge Derivatization of Peptides for Sequence Analysis by Mass Spectrometry", Anal. Chem., 1998, v. 69, pp. 137-144	
CB		MAMER et al. "Enhancement of Mass Spectrometric Detection of LTC ₄ , LTD ₄ , and LTD ₄ by Derivatization", J. Am. Soc. Mass Spectrom., 1994, v. 5, pp. 292-298	
CC		HUANG et al. "Protein Sequencing by Matrix-Assisted Laser Desorption Ionization-Postsource Decay-Mass Spectrometry Analysis of the N-Tris (2, 4, 6-trimethoxyphenyl) phosphonium Acetylated Tryptic Digests", Anal. Biochem., 1999, v. 268, pp. 305-317	
CD		SADAGOPAN et al. "Investigation of the Tris(trimethoxyphenyl) phosphonium Acetyl Charged Derivatives of Peptides by electrospray ionization Mass Spectrometry and Tandem Mass Spectrometry", J. Am. Mass Spectrom., 2000, v. 11, pp. 107-119	
CE		SHEN et al. "Interpretation of MALDI Postsource Decay Spectra of Charge-Derivatized Peptides: Some Examples of Tris ([2, 4, 6-Trimethoxyphenyl] Phosphonium)-Tagged Proteolytic Digestion Products of Phosphoenolpyruvate Carboxylase", J. Am. Soc. Mass Spectrom., 2000, v. 11 pp. 145-152	

Examiner Signature	/Robert Xiaoyun Xu/	Date Considered	08/07/2009
--------------------	---------------------	-----------------	------------

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.X./



PTO/SP08a/b (07-05)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/553,307
				Filing Date	October 14, 2005
				First Named Inventor	John C. Gebler
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	64254(49991)

	CF	LEAVENS et al. "Derivatization for liquid chromatography/electrospray mass spectrometry synthesis of tris (trimethoxyphenyl) phosphonium compounds and their derivatives of amine and carboxylic acids", Rapid Commun. Mass Spectrom., 2002, v. 16, pp. 433-441	
	CG	BARRY et al. "Use of S-pentafluorophenyl tris (2,4,6-trimethoxyphenyl) phosphonium acetate bromide and (4-hydrazino-4-oxobutyl) [tris(2,4,6-trimethoxyphenyl) phosphonium bromide for the derivatization of alcohols, aldehydes and ketones for detection by liquid chromatography/electrospray mass spectrometry", Rapid Commun. Mass Spectrom., 2003, v. 17, pp.484-497	
	CH	ADAMCZYK et al. "Charge Derivatization of Peptides to Simplify their Sequencing with an Ion Trap Mass Spectrometer", Rapid Commun. Mass Spectrom., v. 13, pp. 1413-1422	
	CI	SMOLKA et al. "Optimization of the Isotope-Coded Affinity Tag-Labeling Procedure for Quantitative Proteome Analysis", Analytical Biochemistry, 2001, v. 297, pp.25-31	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Robert Xiaoyun Xu/	Date Considered	08/07/2009
-----------------------	---------------------	--------------------	------------

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.X./